3

OIPE GOS

Sheet 1

PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
perwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of |2

Complete if Known					
Application Number	10/666,314				
Filing Date	09/18/2003				
First Named Inventor	Russell, Anthony W.				
Art Unit	3641 2859				
Examiner Name	Dennett				
Attorney Docket Number	SMAR002				

Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where		
	140.	Number-Kind Code ^{2 (# known)}	WIVEDSTITT	Applicant of Cited Document	Relevant Passages or Relevant		
DO		^{US-} 5398421	03/21/1995	Nicolle et al.	,		
1		^{US-} 4682421	07/28/1987	van Dongen			
		^{US-} 4510696	04/16/1985	Roesler	1		
		^{US-} 4819336	04/11/1989	Russell	1		
		^{US-} 4999920	03/19/1991	Russell et al.			
		^{US-} 5314030	05/24/1994	Peterson et al.			
		US- 5435069	07/25/1995	Nicholson			
		US- 5469736	11/28/1995	Moake			
		^{US-} 5606124	02/25/1997	Doyle et al.			
		^{US-} 5646611	07/08/1997	Dailey et al.			
		^{US-} 6065218	05/23/2000	Edwards			
1		^{US-} 6637119	10/28/2003	Russell et al.			
20c		^{US-} 20020078745	06/27/2002	Russell, Michael			
		US-					
		US-					
		US-		1			
		US-			-		
		US-					
		US-	†				

		FOREIG	N PATENT DOCL	JMENTS		
Examiner Initiels*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ³ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T⁰
Dur	EP	0387991 A2	09/19/1990	Russell		
20	wo	99/66173 A1	12/23/1999	Shell	1	
		1				
	<u> </u>				•	
					-	
					<u> </u>	

Examiner Signature G. Bradley Denneth Date Considered 7.15,7

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. It indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449			are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known		
Substitute for form 1449/F10			Application Number	10/666,314	
INFORMAT	ION DIS	CLOSURE	Filing Date	09/18/2003	
STATEMEN	NT BY A	PPLICANT	First Named Inventor	Russell, Anthony W.	
			Art Unit	384T 2859	
(Use as ma	(Use as many sheets as necessary)		Examiner Name	Dennett	
Sheet 2	of	2	Attorney Docket Number	SMAR002	

	NON PATENT LITERATURE DOCUMENTS		
T	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Cite No. ¹	Examiner Initials*
	ALISON BOURNE, The UK Patent Office, Patents Act 1977 Search Report under Section 17, August 23, 2002, UK (one page)		011
	Report under Section 17, August 23, 2002, Ort (one page)	-	AR
	·		
<u> </u>			
	·		
		-	

Examiner Signature Cx.	Tradley Benne	Date Considered	7.15.14

^{*}EXAMINER: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Index the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known						
Application Number	10/666,314	_				
Filing Date	09/18/2003	_				
First Named Inventor	Russell, Anthony W.					
Art Unit	3641 2859					
Examiner Name	Bennett					
Attorney Docket Number	SMAR002	7				

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 [d known]}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	\vdash	US-			
	 	US-			
	 	US-			
		US-			
-		US-			
		US-			,
	1	US-			9
	 	US-			
	 	US-			
		US-			
	1	US-			
	ļ	US-			
		US-		· · ·	
		US-			
		US-			
		US-		· · · · · · · · · · · · · · · · · · ·	
		US-			
	T	US-			
		US-			

		FOREIC	ON PATENT DOCL	IMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ "Number * "Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
200	GB	2094484 A	09/15/1982	Applied Technolgies Associ	ates	
-2002	GB	2 122 751 A	01/18/1984	Applied Technolgies Assoc	iates	
20	EP	0 846 841 A3		The Charles Machine Work		

Examiner Signature	G.	Bradley	Dennett	Date Considered	7.15.4
ACMAN MAINTEN	the total of the same	and the same of th		THE MINISTER COOL Day 15 to 16	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and-by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

MAY 1 3 2004

PTO/SB/08B (08-03) Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

nder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	ite for form 1449/PTO			Complete if Known			
Subsuit	10 101 101111 1443/F10			Application Number	10/666,314	0	
INF	ORMATION	DIS	CLOSURE	Filing Date	09/18/2003		
STA	TEMENT B	SY A	PPLICANT	First Named Inventor	Russell, Anthony W.		
	() (-4		Art Unit	3641 Z859		
	(Use as many she	e13 85 (iecessary)	Examiner Name	Dennett		
Sheet	2	of	2	Attorney Docket Number	SMAR002		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ALISON STRANSOM, The GB Patent Office, Patents Act 1977: Search	
SS		Report under Section 17, January 23, 2004, GB (one page).	
:			
	<u> </u>		
•			

Signature G. Dradley Dennell Considered F.13.9	Examiner Signature G. Bradke	1 00 111011	Date Considered	7.15.4
--	------------------------------	-------------	--------------------	--------

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, prepening, and submitting the completed application form to the USPTO. This will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.